

WHAT IS CLAIMED IS:

1. A charge eliminating mechanism for a stage for a work-to-be-processed, comprising:

5 a grounded wiring line having a first end and a second end, the second end being grounded; and
a mechanical switching mechanism arranged between the stage and the first end of the wiring line.

2. A charge eliminating mechanism according to claim 1, wherein the work-to-be-processed is a work to be tested, and the wiring line includes a resistor
10 between the first and second ends.

3. A charge eliminating mechanism for a stage according to claim 1, wherein the mechanical switching mechanism of the charge eliminating mechanism
15 comprises:

a contact terminal including a contact terminal main body, a third end, and a fourth end, the fourth end being electrically connected to the first end of the wiring line, and a contact state between the third end and the stage being physically turning on/off, and
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when the third end is in contact with the stage, the stage is grounded through the third end of the contact terminal, the contact terminal main body, the fourth end, the first end of the wiring line, a resistor, and the second end of the wiring line.
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4. A charge eliminating mechanism according to claim 3, wherein at least one of the contact terminal

and the stage includes an elastic contact mechanism to cause the third end of the contact terminal and the stage to come into elastic contact with each other.

5 5. A charge eliminating mechanism according to claim 4, wherein the stage is rotatable in forward and reverse directions, and the elastic contact mechanism provided on the stage is a charge eliminating plate with spring properties formed on a side surface of the stage.

10 6. A charge eliminating mechanism according to claim 3, wherein the elastic contact mechanism provided on the contact is a POGO pin.

15 7. A testing apparatus, comprising a charge eliminating mechanism according to claim 1, which tests electrical characteristics of a work-to-be-processed.

8. A testing apparatus according to claim 7, wherein the wiring line includes a resistor between the first and second ends.

20 9. A testing apparatus according to claim 7, wherein the mechanical switching mechanism comprises:

 a contact terminal having a contact terminal main body, a third end, and a fourth end, the fourth end being electrically connected to the first end of the wiring line, and a contact state of the third end with respect to the stage being physically turned on/off, and

 when the third end is in contact with the stage,

the stage is grounded through the third end of the contact terminal, the contact terminal main body, the fourth end, the first end of the wiring line, a resistor, and the second end of the wiring line.

5 10. A testing apparatus according to claim 9, wherein at least one of the contact terminal and the stage includes an elastic contact mechanism to cause the third end of the contact terminal and the stage to come into elastic contact with each other.

10 11. A testing apparatus according to claim 10, wherein the stage is rotatable in forward and reverse directions, and the elastic contact mechanism provided on the stage is a charge eliminating plate with spring properties formed on a side surface of the stage.

15 12. A testing apparatus according to claim 10, wherein the elastic contact mechanism provided on the contact is a POGO pin.